10/574,436

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```
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PASSWORD:

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                 Web Page for STN Seminar Schedule - N. America
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         JAN 02
                 STN pricing information for 2008 now available
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                 CAS patent coverage enhanced to include exemplified
                 prophetic substances
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         JAN 28
                 USPATFULL, USPAT2, and USPATOLD enhanced with new
                 custom IPC display formats
         JAN 28
                 MARPAT searching enhanced
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NEWS 6 JAN 28
                 USGENE now provides USPTO sequence data within 3 days
                 of publication
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     7 JAN 28 TOXCENTER enhanced with reloaded MEDLINE segment
NEWS 8 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements
NEWS 9 FEB 08 STN Express, Version 8.3, now available
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NEWS 11 FEB 25 IFIREF reloaded with enhancements
NEWS 12 FEB 25 IMSPRODUCT reloaded with enhancements
NEWS 13 FEB 29 WPINDEX/WPIDS/WPIX enhanced with ECLA and current
                 U.S. National Patent Classification
NEWS 14 MAR 31
                 IFICDB, IFIPAT, and IFIUDB enhanced with new custom
                 IPC display formats
NEWS 15
         MAR 31
                 CAS REGISTRY enhanced with additional experimental
                 spectra
NEWS 16 MAR 31
                 CA/CAplus and CASREACT patent number format for U.S.
                 applications updated
NEWS 17 MAR 31
                 LPCI now available as a replacement to LDPCI
NEWS 18 MAR 31
                 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
                 STN AnaVist, Version 1, to be discontinued
NEWS 19 APR 04
NEWS 20 APR 15 WPIDS, WPINDEX, and WPIX enhanced with new
                 predefined hit display formats
NEWS 21 APR 28 EMBASE Controlled Term thesaurus enhanced
NEWS 22 APR 28 IMSRESEARCH reloaded with enhancements
NEWS 23 MAY 30
                 INPAFAMDB now available on STN for patent family
                 searching
NEWS 24
         MAY 30
                 DGENE, PCTGEN, and USGENE enhanced with new homology
                 sequence search option
NEWS 25
         JUN 06
                 EPFULL enhanced with 260,000 English abstracts
NEWS 26
         JUN 06
                 KOREAPAT updated with 41,000 documents
NEWS 27
                 USPATFULL and USPAT2 updated with 11-character
         JUN 13
                 patent numbers for U.S. applications
NEWS 28
         JUN 19
                 CAS REGISTRY includes selected substances from
                 web-based collections
```

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008 NEWS HOURS STN Operating Hours Plus Help Desk Availability

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=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0 21

FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 23 JUN 2008 HIGHEST RN 1030103-54-8 DICTIONARY FILE UPDATES: 23 JUN 2008 HIGHEST RN 1030103-54-8

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http://www.cas.org/support/stngen/stndoc/properties.html

=>

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```
chain nodes :
8 10 12 13
ring nodes :
1 2 3 4 5 6 7 9 14 15 16 17 18 19 20 21 22 23
ring/chain nodes :
11
chain bonds :
2-7 4-9 5-13 6-8 8-10 10-11 10-12
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-19 7-23 9-14 9-18 14-15 15-16 16-17 17-18 19-20 20-21 21-22 22-23
exact/norm bonds :
6-8 8-10 10-12
exact bonds :
2-7 4-9 5-13 10-11
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-19 7-23 9-14 9-18 14-15 15-16 16-17 17-18
19-20 20-21 21-22 22-23
```

isolated ring systems :
containing 1 : 7 : 9 :

G1:0, S, Se

Match level:

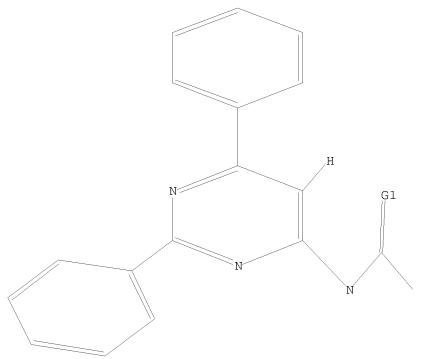
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:CLASS 9:Atom 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



G1 O, S, Se

Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss sam
SAMPLE SEARCH INITIATED 15:39:30 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 6 TO ITERATE

100.0% PROCESSED 6 ITERATIONS 1 ANSWERS SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 6 TO 266
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> d scan

L2 1 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Cyclohexanecarboxamide, N-(2,6-diphenyl-4-pyrimidinyl)-

MF C23 H23 N3 O

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s l1 sss ful

FULL SEARCH INITIATED 15:39:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 117 TO ITERATE

100.0% PROCESSED 117 ITERATIONS 23 ANSWERS

SEARCH TIME: 00.00.01

L3 23 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST 178.36 178.57

FILE 'CAPLUS' ENTERED AT 15:39:51 ON 24 JUN 2008
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FILE COVERS 1907 - 24 Jun 2008 VOL 148 ISS 26 FILE LAST UPDATED: 23 Jun 2008 (20080623/ED)

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http://www.cas.org/legal/infopolicy.html

=> s 13

L4 5 L3

=> d 14 1-5 bib hitstr

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2007:245614 CAPLUS

DN 146:454155

 ${\tt TI}$ 3D-Pharmacophore Models for Selective A2A and A2B Adenosine Receptor Antagonists

AU Wei, Jing; Wang, Songqing; Gao, Shaofen; Dai, Xuedong; Gao, Qingzhi

CS School of Pharmaceutical Science and Technology, Tianjin University, Tianjin, 300072, Peop. Rep. China

SO Journal of Chemical Information and Modeling (2007), 47(2), 613-625 CODEN: JCISD8; ISSN: 1549-9596

PB American Chemical Society

DT Journal

LA English

IT 820961-47-5, LUF 5767 820961-52-2, LUF 5740

RL: PAC (Pharmacological activity); PRP (Properties); BIOL (Biological study)

(pharmacophore models for selective A2A and A2B adenosine receptor antagonists) $\,$

RN 820961-47-5 CAPLUS

CN Butanamide, N-(2,6-diphenyl-4-pyrimidinyl)-2-methyl- (CA INDEX NAME)

RN 820961-52-2 CAPLUS

CN Cyclopentanecarboxamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RE.CNT 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
L4
     ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
ΑN
     2006:793003 CAPLUS
     145:230632
DN
     Preparation of amide compounds as diacylglycerol acyltransferase
TI
     inhibitors
IN
     Ogino, Masaki; Nakada, Yoshihisa; Shimada, Mitsuyuki; Asano, Kouhei;
     Tamura, Norikazu; Masago, Minori
     Takeda Pharmaceutical Company Limited, Japan
PA
SO
     PCT Int. Appl., 299pp.
     CODEN: PIXXD2
DT
     Patent
LA
     Japanese
FAN.CNT 1
     PATENT NO.
                                              APPLICATION NO.
                          KIND
                                  DATE
                                                                        DATE
     _____
                          ____
                                              _____
                                  _____
                                                                       _____
                                              WO 2006-JP301942
     WO 2006082952
                          A1
                                  20060810
                                                                       20060131
PΤ
         W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
             KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
             VN, YU, ZA, ZM, ZW
         RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
             CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
             GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM
                                 20071017
     EP 1845081
                           A1
                                              EP 2006-713085
                                                                        20060131
            AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR
PRAI JP 2005-25713
                           Α
                                  20050201
     WO 2006-JP301942
                           W
                                  20060131
OS
     MARPAT 145:230632
ΙT
     905590-72-9P
     RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
     (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
     (Uses)
         (preparation of amide compds. as diacylglycerol acyltransferase inhibitors)
RN
     905590-72-9 CAPLUS
CN
     Benzenebutanamide, N-(2,6-diphenyl-4-pyrimidinyl)-3,4-diethoxy-\gamma-oxo-
       (CA INDEX NAME)
```

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

CN

```
ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
L4
    2005:324142 CAPLUS
ΑN
    142:392429
DN
    A preparation of pyrimidine derivatives, useful as adenosine receptors
TI
    ligands
IN
    Chang, Lisa C. W.; Ijzerman, Adriaan P.; Brussee, Johannes
PA
    Universiteit Leiden, Neth.
    PCT Int. Appl., 49 pp.
SO
    CODEN: PIXXD2
DT
    Patent
    English
LA
FAN.CNT 1
    PATENT NO.
                      KIND
                                        APPLICATION NO.
                              DATE
                                                               DATE
                              _____
                                         _____
                       ____
    WO 2005033084
                              20050414
                                        WO 2004-NL682
                       A1
                                                               20041001
PΤ
        W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
            CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
            GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
            LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
        SN, TD, TG
    EP 1667985
                        Α1
                             20060614
                                        EP 2004-774983
                                                               20041001
           AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
    US 20070032510
                                       US 2006-574436
                       A1
                           20070208
                                                               20060403
PRAI GB 2003-23137
                        Α
                              20031003
    WO 2004-NL682
                        W
                              20041001
    CASREACT 142:392429; MARPAT 142:392429
OS
    820961-37-3P 820961-40-8P 820961-41-9P
    820961-42-0P 820961-44-2P 820961-45-3P
    820961-47-5P 820961-48-6P 820961-49-7P
    820961-51-1P 820961-52-2P 820961-53-3P
    849820-84-4P
    RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
     (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
     (Uses)
        (preparation of pyrimidine derivs. useful as adenosine receptors ligands)
    820961-37-3 CAPLUS
RN
    Benzamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)
CN
     Ph
              0
          NH-C-Ph
Ph
RN
    820961-40-8 CAPLUS
```

Acetamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 820961-41-9 CAPLUS

CN Propanamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 820961-42-0 CAPLUS

CN Butanamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 820961-44-2 CAPLUS

CN Propanamide, N-(2,6-diphenyl-4-pyrimidinyl)-2-methyl- (CA INDEX NAME)

RN 820961-45-3 CAPLUS

CN Butanamide, N-(2,6-diphenyl-4-pyrimidinyl)-3-methyl- (CA INDEX NAME)

RN 820961-47-5 CAPLUS

CN Butanamide, N-(2,6-diphenyl-4-pyrimidinyl)-2-methyl- (CA INDEX NAME)

RN 820961-48-6 CAPLUS

CN Propanamide, N-(2,6-diphenyl-4-pyrimidinyl)-2,2-dimethyl- (CA INDEX NAME)

RN 820961-49-7 CAPLUS

CN Butanamide, N-(2,6-diphenyl-4-pyrimidinyl)-3,3-dimethyl- (CA INDEX NAME)

RN 820961-51-1 CAPLUS

CN Cyclobutanecarboxamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 820961-52-2 CAPLUS

CN Cyclopentanecarboxamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 820961-53-3 CAPLUS

CN Cyclohexanecarboxamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 849820-84-4 CAPLUS

CN Pentanamide, N-(2,6-diphenyl-4-pyrimidinyl)-3-methyl- (CA INDEX NAME)

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
L4
     2004:973406 CAPLUS
ΑN
DN
    142:114004
     2,4,6-Trisubstituted pyrimidines as a new class of selective adenosine A1
TΙ
     receptor antagonists
     Chang, Lisa C. W.; Spanjersberg, Ronald F.; von Kuenzel, Jacobien K.;
ΑU
     Mulder-Krieger, Thea; van den Hout, Gijs; Beukers, Margot W.; Brussee,
     Johannes; Ijzerman, Adriaan P.
CS
     Division of Medicinal Chemistry, Leiden/Amsterdam Center for Drug
     Research, Leiden, 2300 RA, Neth.
SO
     Journal of Medicinal Chemistry (2004), 47(26), 6529-6540
     CODEN: JMCMAR; ISSN: 0022-2623
ΡВ
    American Chemical Society
DT
    Journal
    English
LA
    CASREACT 142:114004
OS
     820961-37-3P 820961-38-4P 820961-39-5P
ΤТ
     820961-40-8P 820961-41-9P 820961-42-0P
     820961-43-1P 820961-44-2P 820961-45-3P
     820961-46-4P 820961-47-5P 820961-48-6P
     820961-49-7P 820961-50-0P 820961-51-1P
     820961-52-2P 820961-53-3P
     RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic
     preparation); BIOL (Biological study); PREP (Preparation)
        (preparation, polar surface area calcns., adenosine A receptor affinity, and
        structure-activity relationship of N-acyl(diphenyl)pyrimidinamines
        using heterocyclization and amidation with acid chlorides as the key
        steps)
RN
     820961-37-3 CAPLUS
     Benzamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)
CN
     Ph
```

RN 820961-38-4 CAPLUS
CN Benzamide, 4-chloro-N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 820961-39-5 CAPLUS CN Benzamide, N-(2,6-diphenyl-4-pyrimidinyl)-4-methoxy- (CA INDEX NAME)

RN 820961-40-8 CAPLUS

CN Acetamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 820961-41-9 CAPLUS

CN Propanamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 820961-42-0 CAPLUS

CN Butanamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 820961-43-1 CAPLUS

CN Pentanamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 820961-44-2 CAPLUS

CN Propanamide, N-(2,6-diphenyl-4-pyrimidinyl)-2-methyl- (CA INDEX NAME)

RN 820961-45-3 CAPLUS

CN Butanamide, N-(2,6-diphenyl-4-pyrimidinyl)-3-methyl- (CA INDEX NAME)

RN 820961-46-4 CAPLUS

CN Butanamide, N-(2,6-diphenyl-4-pyrimidinyl)-2-ethyl- (CA INDEX NAME)

RN 820961-47-5 CAPLUS

CN Butanamide, N-(2,6-diphenyl-4-pyrimidinyl)-2-methyl- (CA INDEX NAME)

RN 820961-48-6 CAPLUS

CN Propanamide, N-(2,6-diphenyl-4-pyrimidinyl)-2,2-dimethyl- (CA INDEX NAME)

RN 820961-49-7 CAPLUS

CN Butanamide, N-(2,6-diphenyl-4-pyrimidinyl)-3,3-dimethyl- (CA INDEX NAME)

RN 820961-50-0 CAPLUS

CN Cyclopropanecarboxamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 820961-51-1 CAPLUS

CN Cyclobutanecarboxamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 820961-52-2 CAPLUS

CN Cyclopentanecarboxamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 820961-53-3 CAPLUS

CN Cyclohexanecarboxamide, N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1989:231562 CAPLUS

DN 110:231562

OREF 110:38391a,38394a

TI Acylation of 2- and 4-(hydroxyamino)pyrimidines

AU Sedova, V. F.; Moskalenko, G. G.; Mamaev, V. P.

CS Vses. Nauchno-Issled. Inst. Khim. Sredstv. Zashch. Rast., Novosibirsk, 630090, USSR

SO Khimiya Geterotsiklicheskikh Soedinenii (1988), (5), 654-8 CODEN: KGSSAQ; ISSN: 0453-8234

DT Journal

LA Russian

OS CASREACT 110:231562

RN 120818-89-5 CAPLUS

CN Acetamide, N-(acetyloxy)-N-(2,6-diphenyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 120818-96-4 CAPLUS

CN Acetamide, 2-chloro-N-(2,6-diphenyl-4-pyrimidinyl)-N-hydroxy- (CA INDEX NAME)

RN 120836-28-4 CAPLUS

CN Acetamide, 2-chloro-N-[(chloroacetyl)oxy]-N-(2,6-diphenyl-4-pyrimidinyl)-(9CI) (CA INDEX NAME)

=> log y COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 19.23 197.80

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 15:40:13 ON 24 JUN 2008